

Patent Abstracts of Japan

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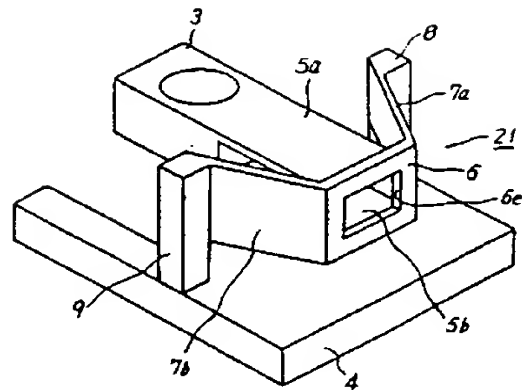
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APPLICANT : OLYMPUS OPTICAL CO LTD;

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TITLE : DRIVING DEVICE FOR OBJECTIVE LENS



ABSTRACT : PURPOSE: To reduce the number of parts and steps of assembly by using an integral molding of plastic to constitute an elastic member for displaceably supporting an objective lens and member for supporting one end thereof.

CONSTITUTION: A supporting member 3, leaf springs 5a, 5b for focusing, an interrupting member 6, leaf springs 7a, 7b for tracking, posts 8, 9 and a base 4 are constituted of the integral molding 21 of plastic. This molding 21 is formed of plastic such as polyphenyl sulfide and polycarbonate and is incorporated with fibers such as carbon fibers or glass fibers in the parts of the leaf springs 5a, 5b for focusing and the leaf springs 7a, 7b for tracking in order to make the spring characteristic thereof uniform. The assembly of the entire part is made easy and the accuracy is easily obtd. as the molding 21 can be extremely easily formed by integral molding.

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